

Amendments to the Abstract:

Please replace the abstract with the following amended abstract:

This invention relates to methods ~~for the facilitated evolution of proteins of~~
generating hybrid proteins that have a desired phenotype. The method comprises generating a
library of hybrid proteins by identifying mismatches present in parent proteins that are aligned
and generating sequence that comprise a mixture of parental residues at the mismatched sites.
The invention also provides libraries of hybrid proteins and proteins generated by the methods of
the invention.